

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-16432

Exam Date: 5/18/2012

1. Current Owner: PORT STANHOPE INVESTMENTS LLC
1795 PORT STANHOPE CIRCLE
NEWPORT BEACH CA 92660
(949)717-6771
2. Contact person: Mark Engstrom
Phone No: (949)-689-0970
E-mail: mengstrom@deloitte.com
Address: Above
Relationship to Permit Holder: Same

3. SOURCE TRIBUTARY
GROUND WATER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 95-10027

Right 95-10027 is the other portion of the split when permit 96-9311 was split by assignment. Right 95-10027 is applicable to Lot 2, Bright Sky Subdivision. And shares the same point of diversion with this right.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER NE1/4SW1/4 Sec. 33, Twp 54N, Rge 03W, B.M. BONNER County

Method of Determination:

Contact with permit holder by e-mail confirmed that well is located on Lot 1. See e-mail in file.

2.

PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
54N 03W 33	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
									X								

Method of Determination:

3. N/A Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.
- x Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.
- x Aerial Photo Attached (required for irrigation of 10+ acres).
- Photo of Diversion and System Attached

4.

Well or Diversion

<u>Tag ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
D0046369					

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
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In-house review. The permit states that at the time the permit was filed, each lot contained a 2000 gal storage tank. E-mail correspondence with the permit holders confirms existence of a storage tank on both Lot 1 and Lot 2 of Bright Sky Subdivision.

2. Measurements:

In-house review. Parent permit 96-9311 states that the well supplies 15 gallons per minute. I assume this is from the well log that says it produces 15 gallons per minute. The accuracy of the well log is questionable but it is not unreasonable to recommend 0.03 cfs.

E. FLOW CALCULATIONS Additional Computation Sheets Attached

Measured Method:

$$15 \text{ gpm} / 448.83 \text{ gallons} = 0.03 \text{ cfs}$$

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = n/a$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$$

2. Volume Calculations for Other Uses:

$$\text{Allow } 0.6 \text{ AF for internal use and } 0.6 \text{ AF for external use} = 1.2 \text{ AF}$$

G. NARRATIVE/REMARKS/COMMENTS

This right is the result of splitting permit 96-9311 into 95-10027 and 95-16432.

96-9311	Domestic	0.04 cfs		95-10027	Domestic	0.02 cfs	
	<u>Irrigation</u>	<u>0.03 cfs</u>	<u>1 acre</u>		<u>Irrigation</u>	<u>0.02 cfs</u>	<u>0.5 acre</u>
	Total	0.07 cfs	1 acre	Split To:	Total	0.04 cfs	0.5 acre
				95-16432	Domestic	0.02 cfs	
					<u>Irrigation</u>	<u>0.01 cfs</u>	<u>0.5 acre</u>
					Total	0.03 cfs	0.5 acre

Permit 96-9311 was not split equally. The parent permit authorized 0.03 cfs for irrigation purposes. Because Administrators Application Processing Memo #6 limits precision of diversion rate to no more than the hundredths, 0.02 cfs of irrigation rate was allocated to 95-10027 and 0.01 cfs of irrigation diversion rate was allocated to 95-16432. All permit holders have been notified of the split and their respective portions and there has been no complaint.

That said, this split does seem to make sense. Permit 95-10027 is applicable to Lot 2, Bright Sky Subdivision, in which development has occurred. Meaning there is a house built on Lot 2 and aerial photography indicates that they have irrigated the ground around the house. Domestic and irrigation use are identified separately on the permit and it was developed with irrigation and domestic use.

Split portion 95-16432 is applicable to Lot 1, Bright Sky Subdivision, and the lot stubbed in, but no home has been built and water has yet to have been put to use for domestic purposes. However, the domestic use should be recognized through the stub-in practice, but a separate irrigation component cannot be recognized since the water has not been put to beneficial use yet. Permit 95-16432 can be licensed for domestic use that include external irrigation component, rather than keeping the domestic and irrigation use separate as permitted.

Have conditions of permit approval been met? ☒ Yes ☐ No

Conditions:

The following condition is no longer applicable because irrigation will not be authorized as a separate purpose of use. This condition will be dropped at licensing:

R66 This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the lands above.

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DOMESTIC	01/01 to 12/31	0.030 CFS	1.20 AF
	<u>Totals:</u>	0.030 CFS	1.20 AF

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Craig J. Smith Date 5-21-12

Reviewer _____ Date _____

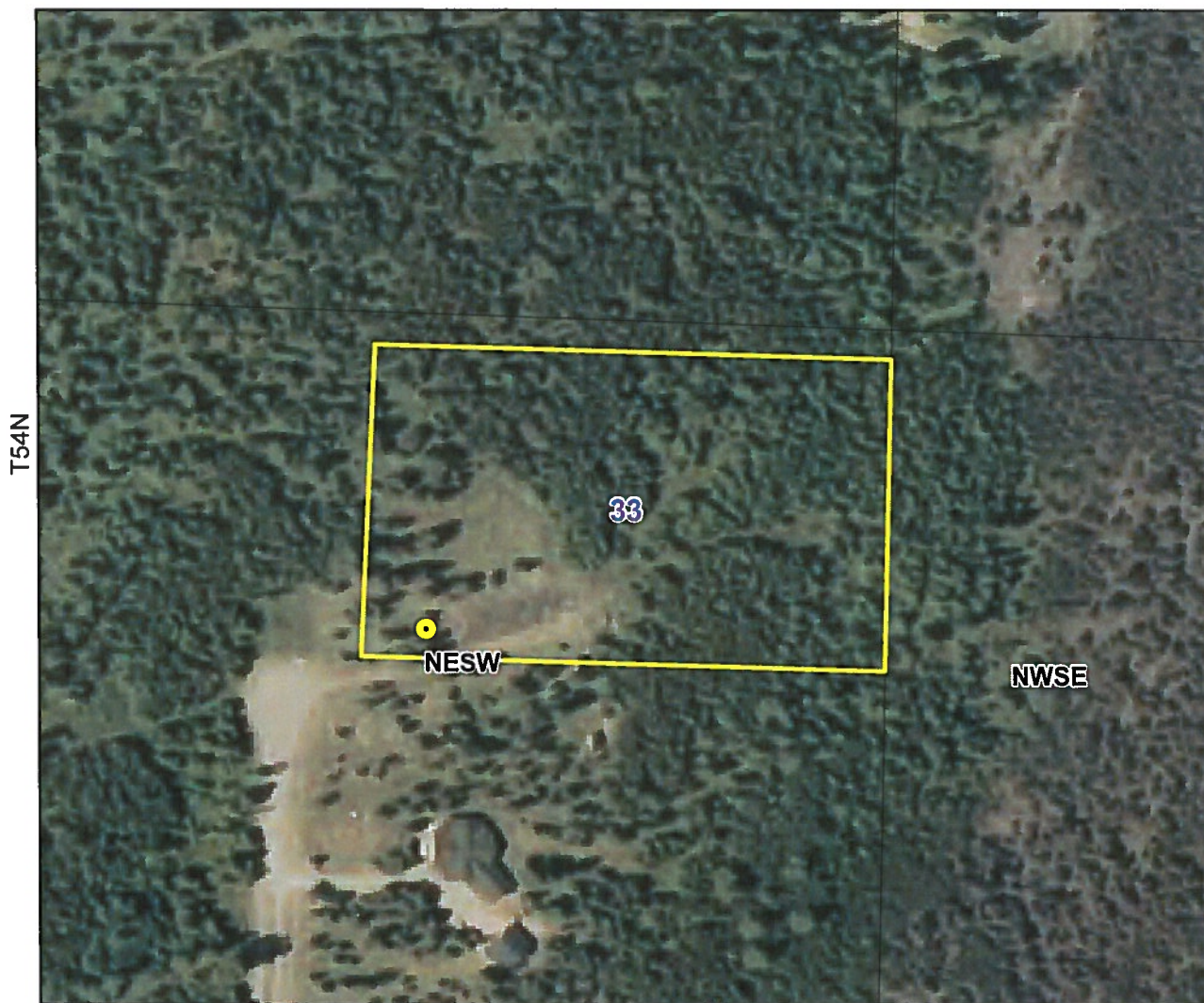
State of Idaho
Department of Water Resources

Reference Map

95-16432

This map depicts the DOMESTIC place of use boundary and point of diversion location as determined by the examiner.

R03W



0 0.025 0.05 0.1 Miles

-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

